

ABSTRACT OF THE DISCLOSURE

The compact motor is capable of improving characteristics of torque. In the motor, a stator core comprises a main core and a sub-core. The main core is constituted by piling a plurality of first core plates, which respectively have first extended pole sections of the same number. The sub-core is provided on the base plate side of the main core and constituted by at least one second core plate, which has second extended pole sections whose number is less than that of the first extended pole sections of each of the first core plates.